MPM 2D – Summative Assignment
Chapters 1 and 2

Part A

You must complete all of these questions. They will be marked on communication (form) and application (accuracy).

1. Classify the following triangle as scalene, isosceles, or equilateral: A(3, 4), B(4, 2), C (-2,-5)

2. An army base is enclosed by a wire fence so that it forms a circular compound. The entrance to the base is located at *X*(3, 6) and the exit is at *Y*(9, 14). *X* and *Y* are end points of a diameter of the circle. A search tower is positioned at *Z*(2, 13) on the circumference of the circle.

a) Show that the triangle formed by *XYZ* is right-angled.
b) Show that the perpendicular bisectors of *XZ* and *YZ* intersect at the centre of the base.

Jun 11-8:33 AM

Jan 12-7:38 AM

Ch 2

p.124 and 125

q.1,2,4,7, 8, 13,14, 23

Jan 12-7:38 AM